

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
 Art Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>D. Schreiber</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>272-2526</u>	AA Sequence (#) <u>1</u>	Dialog _____
Searcher Location: <u>Rem. sen E01A61</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>10/1</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>10</u>	Fulltext _____	Sequence Systems <u>CompuGen</u>
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

RESULT 2

US-08-628-198-7
; Sequence 7, Application US/08628198
; Patent No. 5843694
; GENERAL INFORMATION:
; APPLICANT: Band, Vimla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/628,198
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-628-198-7

Query Match 38.2%; Score 84; DB 2; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTFVAAVAAPFDDDDKLVHG 27
; : ||||| ||||| ||||| :
Db 1 MSALLILALVGA AVFPVDDDDKIVGG 27

RESULT 3

US-09-201-038-7
; Sequence 7, Application US/09201038
; Patent No. 6153387
; GENERAL INFORMATION:
; APPLICANT: Band, Vimla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,038
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/628,198
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-201-038-7

Query Match 38.2%; Score 84; DB 3; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTFVAAVAAPFDDDDKLVHG 27
; : ||||| ||||| ||||| :
Db 1 MSALLILALVGA AVFPVDDDDKIVGG 27

RESULT 4

PCT-US96-07343-7
; Sequence 7, Application PC/TUS9607343
; GENERAL INFORMATION:
; APPLICANT: New England Medical Center Hospitals, Inc.
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/07343
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US96-07343-7

Query Match          38.2%; Score 84; DB 5; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLITFVAATAAPFDDDDKLVHG 27
   | | | | | | | | | | | | | | | |
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 5
US-08-978-404B-44
; Sequence 44, Application US/08978404B
; Patent No. 5968782
; GENERAL INFORMATION:
; APPLICANT: Stevens, Richard L.
; TITLE OF INVENTION: MAST CELL PROTEASE THAT CLEAVES
; TITLE OF INVENTION: FIBRINOGEN
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02210-2211
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,404B
; FILING DATE: 25-NOV-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/032,354
; FILING DATE: 04-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Plumer, Elizabeth R.
; REGISTRATION NUMBER: 36,637
; REFERENCE/DOCKET NUMBER: B0801/7090
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX:
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 5968782e
US-08-978-404B-44

Query Match          36.8%; Score 81; DB 2; Length 246;
Best Local Similarity 63.0%; Pred. No. 0.001;
Matches 17; Conservative 3; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLITFVAATAAPFDDDDKLVHG 27
   | | | | | | | | | | | | | | | |
Db 1 MSALLILALVGAAPFDDDDKIVGG 27

RESULT 6
US-09-674-677-34
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; Sequence 34, Application US/09674677
; Patent No. 6562622
; GENERAL INFORMATION:
; APPLICANT: Coia, et al.
; TITLE OF INVENTION: CONTINUOUS IN-VITRO EVOLUTION
; FILE REFERENCE: 674537-2003
; CURRENT APPLICATION NUMBER: US/09/674,677
; CURRENT FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: PCT/AU99/00341
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: AU PP3445
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: linker
; US-09-674-677-34

Query Match          35.9%; Score 79; DB 4; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.4e-05;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 HGKLLHHHHHDDDDK 40
   | | | | | | | | | |
Db 6 HHHHHHHHHHDDDDK 20

RESULT 7
US-08-965-762-20
; Sequence 20, Application US/08965762
; Patent No. 6280963
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 07334/062001
; CURRENT APPLICATION NUMBER: US/08/965,762
; CURRENT FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; US-08-965-762-20

Query Match          34.3%; Score 75.5; DB 3; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY 6 ILTFVAAVAAPFDDDDKLVHGKLLHHHHH---DDDDK 40
   | | | | | | | | | | | | | | | |
Db 38 VLADANSSIDAPFNKRRKKKPKHHHHHHSRKGNDK 75

RESULT 8
US-09-911-927-20
; Sequence 20, Application US/09911927
; Patent No. 6461826
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062003
; CURRENT APPLICATION NUMBER: US/09/911,927
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-927-20

Query Match          34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNKRXKXKHPKHHHHHSRKEGNDK 75

RESULT 9
US-09-911-882-20
; Sequence 20, Application US/09911882
; Patent No. 6465198
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062004
; CURRENT APPLICATION NUMBER: US/09/911,882
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-882-20

Query Match          34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNKRXKXKHPKHHHHHSRKEGNDK 75

RESULT 10
US-09-911-888-20
; Sequence 20, Application US/09911888
; Patent No. 6514715
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062002
; CURRENT APPLICATION NUMBER: US/09/911,888
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-888-20

Query Match          34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNKRXKXKHPKHHHHHSRKEGNDK 75

RESULT 11
US-09-386-642-54
; Sequence 54, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
; APPLICANT: Oi, Jensen
; APPLICANT: Andrade-Gordon, Patricia
; TITLE OF INVENTION: Zymogen Activation System
; FILE REFERENCE: ORT-1028
; CURRENT APPLICATION NUMBER: US/09/386,642
; CURRENT FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 54
; LENGTH: 284
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human MH2
; OTHER INFORMATION: protease in PFEK zymogen vector
US-09-386-642-54

Query Match          33.6%; Score 74; DB 4; Length 284;
Best Local Similarity 52.8%; Pred. No. 0.012;
Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

QY      2 NLLLLTLTFV-----AAAVAAPFDDDDKLVHG 27
Db      20 NLLLCQGVSDYKDDDDVDAAALAAPFDDDDKLVGG 55

RESULT 12
US-09-386-642-13
; Sequence 13, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
; APPLICANT: Oi, Jensen
; APPLICANT: Andrade-Gordon, Patricia
; TITLE OF INVENTION: Zymogen Activation System
; FILE REFERENCE: ORT-1028
; CURRENT APPLICATION NUMBER: US/09/386,642
; CURRENT FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion gene
; OTHER INFORMATION: with homo sapien serine protease catalytic domain
US-09-386-642-13

Query Match          33.8%; Score 74; DB 4; Length 288;
Best Local Similarity 52.8%; Pred. No. 0.012;
Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

QY      2 NLLLLTLTFV-----AAAVAAPFDDDDKLVHG 27
Db      20 NLLLCQGVSDYKDDDDVDAAALAAPFDDDDKLVGG 55

RESULT 13
US-09-386-642-14
; Sequence 14, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
```

RESULT 15
US-09-387-375-9
; Sequence 9, Application US/09387375
; Patent No. 6485957
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
; APPLICANT: Andrade-Gordon, Patricia
; APPLICANT: Qi, Jensen
; TITLE OF INVENTION: DNA Encoding the Human Serine
; TITLE OF INVENTION: Protease EOS
; FILE REFERENCE: ORT-1031
; CURRENT APPLICATION NUMBER: US/09/387,375
; CURRENT FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 9

Result No.	Score	Query			ID	Description
		Match	Length	DB		
1	122	55.5	247	9	US-08-923-779-154	Sequence 154, Appl
2	112	50.9	239	12	US-10-236-417-341	Sequence 341, App
3	112	50.9	247	12	US-10-236-417-146	Sequence 146, App
4	112	50.9	247	12	US-10-236-417-150	Sequence 150, App
5	90.5	41.1	133	11	US-09-937-876-107	Sequence 107, App
6	90.5	41.1	133	11	US-10-457-047-107	Sequence 107, App
7	90.5	41.1	133	15	US-10-360-149-107	Sequence 107, App
8	84	38.2	246	10	US-08-842-758-55	Sequence 55, Appl
9	84	38.2	246	12	US-10-174-333-55	Sequence 55, Appl
10	84	38.2	281	13	US-10-031-368-7	Sequence 7, Appl
11	79	35.9	20	14	US-10-408-930-32	Sequence 32, Appl
12	78	35.5	252	16	US-10-423-156-7	Sequence 7, Appl
13	78	35.5	252	16	US-10-423-156-8	Sequence 8, Appl
14	76	34.5	19	14	US-10-343-103-17	Sequence 17, Appl
15	76	34.5	27	14	US-10-343-103-4	Sequence 4, Appl

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; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 341
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-341

Query Match          50.9%; Score 112; DB 12; Length 239;
Best Local Similarity 85.2%; Pred. No. 2.8e-06;
Matches 23; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   |||||||:|||||:|
Db 1 MNPLILTFVAAALAAPFDDDDKIVGG 27
   |||||||:|||||:|

RESULT 3
US-10-236-417-146
; Sequence 146, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 146
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-150

Query Match          50.9%; Score 112; DB 12; Length 247;
Best Local Similarity 85.2%; Pred. No. 2.9e-06;
Matches 23; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   |||||||:|||||:|
Db 1 MNPLILTFVAAALAAPFDDDDKIVGG 27
   |||||||:|||||:|

RESULT 4
US-10-236-417-150
; Sequence 150, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 150
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-150

Query Match          50.9%; Score 112; DB 12; Length 247;
Best Local Similarity 85.2%; Pred. No. 2.9e-06;
Matches 23; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   |||||||:|||||:|
Db 1 MNPLILTFVAAALAAPFDDDDKIVGG 27
   |||||||:|||||:|

RESULT 5
US-09-927-876-107
; Sequence 107, Application US/09927876
; Publication No. US20040005554A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: No. US20040005554A1el Glycoproteins and Methods of Use Thereof
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; SEQ ID NO 146
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-146

Query Match          50.9%; Score 112; DB 12; Length 247;
Best Local Similarity 85.2%; Pred. No. 2.9e-06;
Matches 23; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   |||||||:|||||:|
Db 1 MNPLILTFVAAALAAPFDDDDKIVGG 27
   |||||||:|||||:|

RESULT 4
US-10-236-417-150
; Sequence 150, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 150
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-150

Query Match          50.9%; Score 112; DB 12; Length 247;
Best Local Similarity 85.2%; Pred. No. 2.9e-06;
Matches 23; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   |||||||:|||||:|
Db 1 MNPLILTFVAAALAAPFDDDDKIVGG 27
   |||||||:|||||:|

RESULT 5
US-09-927-876-107
; Sequence 107, Application US/09927876
; Publication No. US20040005554A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: No. US20040005554A1el Glycoproteins and Methods of Use Thereof
```



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; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/09/927,876
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-09-927-876-107

```

```

Query Match 41.1%; Score 90.5; DB 11; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

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```

Qy 1 MNLLILITFVAATAAFAAFDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

```

```

RESULT 6
US-10-457-047-107
; Sequence 107, Application US/10457047
; Publication No. US20040072214A1
; GENERAL INFORMATION:
; APPLICANT: El Tavar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/457,047
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-10-457-047-107

```

```

Query Match 41.1%; Score 90.5; DB 12; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

```

```

Qy 1 MNLLILITFVAATAAFAAFDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

```

```

RESULT 7
US-10-360-149-107
; Sequence 107, Application US/10360149
; Publication No. US20030219786A1
; GENERAL INFORMATION:
; APPLICANT: El Tavar, Nabil
; APPLICANT: Campbell, Robert K

```

```

; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: No. US20030219786A1 Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/360,149
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-10-360-149-107

```

```

Query Match 41.1%; Score 90.5; DB 15; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

```

```

Qy 1 MNLLILITFVAATAAFAAFDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

```

```

RESULT 8
US-09-842-758-55
; Sequence 55, Application US/09842758
; Publication No. US20030083244A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Fernandes, Elma R
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Majumder, Rumud
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E
; APPLICANT: Gangolli, Esha A
; APPLICANT: Smithson, Glenda
; APPLICANT: Raatelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier, Raymond J
; APPLICANT: Grosse, William M
; APPLICANT: Edward, Szekeres S
; APPLICANT: Alsbrook II, John P
; TITLE OF INVENTION: No. US20030083244A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-783
; CURRENT APPLICATION NUMBER: US/09/842,758
; CURRENT FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/200,158
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,613
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,780
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/201,006
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,007
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,236
; PRIOR FILING DATE: 2000-05-01

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;; PRIOR APPLICATION NUMBER: 60/201,238
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: 60/201,186
;; PRIOR FILING DATE: 2000-05-02
;; PRIOR APPLICATION NUMBER: 60/201,474
;; PRIOR FILING DATE: 2000-05-03
;; PRIOR APPLICATION NUMBER: 60/201,508
;; PRIOR FILING DATE: 2000-05-03
;; PRIOR APPLICATION NUMBER: 60/220,591
;; PRIOR FILING DATE: 2000-07-25
;; PRIOR APPLICATION NUMBER: 60/232,678
;; PRIOR FILING DATE: 2000-09-15
;; PRIOR APPLICATION NUMBER: 60/263,217
;; PRIOR FILING DATE: 2001-01-22
;; PRIOR APPLICATION NUMBER: 60/265,160
;; PRIOR FILING DATE: 2001-01-30
;; NUMBER OF SEQ ID NOS: 113
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 55
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-09-842-758-55

Query Match 38.2%; Score 84; DB 10; Length 246;
Best Local Similarity 66.7%; Pred. No. 0.011;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILITFVAANAAPFDDDDKLVHG 27
|: ||||| ||||| ||||| ||||| :
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 9
US-10-174-333-55
; Sequence 55, Application US/10174333
; Publication No. US20040029220A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Bernardes, Elma R.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Grosse, William M.
; APPLICANT: Szekeres, Edward S.
; APPLICANT: Alsobrook, John P.
; APPLICANT: Anderson, David W.
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-783 CIP1
; CURRENT APPLICATION NUMBER: US/10/174,333
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: 60/193,664
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 60/194,614
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 60/195,063
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,066

;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,067
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,068
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,069
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,070
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,510
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/219,855
;; PRIOR FILING DATE: 2000-07-21
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 186
;; SOFTWARE: CuraSeqList version 0.1
;; SEQ ID NO 55
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-10-174-333-55

Query Match 38.2%; Score 84; DB 12; Length 246;
Best Local Similarity 66.7%; Pred. No. 0.011;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILITFVAANAAPFDDDDKLVHG 27
|: ||||| ||||| ||||| ||||| :
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 10
US-10-021-368-7
; Sequence 7, Application US/10021368
; Publication No. US20020106367A1
; GENERAL INFORMATION:
; APPLICANT: Band, Vinla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/10/021,368
; FILING DATE: 12-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/201,038
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear

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; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-021-368-7

Query Match      38.2%; Score 84; DB 13; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.012;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTVAARAAAFDDDDKLVHG 27
DB 1 MSALLILALVGAARAAFPVDDDDKIVGG 27

RESULT 11
US-10-408-930-32
; Sequence 32, Application US/10408930
; Publication No. US20030170820A1
; GENERAL INFORMATION:
; APPLICANT: Coia, et al.
; TITLE OF INVENTION: CONTINUOUS IN-VITRO EVOLUTION
; FILE REFERENCE: 674537-2003.1
; CURRENT APPLICATION NUMBER: US/10/408,930
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: PCT/AU99/00341
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/674,677
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: AU PP3445
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: linker between Lysn and NS5B
US-10-408-930-32

Query Match      35.9%; Score 79; DB 14; Length 20;
Best Local Similarity 80.0%; Pred. No. 0.0028;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 HGKLVHHHHDDDDK 40
DB 6 HHHHHHHHHDDDDK 20

RESULT 12
US-10-423-156-7
; Sequence 7, Application US/10423156
; Publication No. US20040116662A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Hsin-Yu
; TITLE OF INVENTION: ANTIGENIC FRAGMENT OF HUMAN
; TITLE OF INVENTION: T-LYMPHOTROPIC VIRUS
; FILE REFERENCE: 05204-020001
; CURRENT APPLICATION NUMBER: US/10/423,156
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: TW 91135980
; PRIOR FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-10-423-156-7

Query Match      35.5%; Score 78; DB 16; Length 252;
Best Local Similarity 70.6%; Pred. No. 0.063;
Matches 12; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 19 DDDDKLVHGKLVHHHH 35
DB 115 DDDDKVPMGSSHHHHH 131

RESULT 14
US-10-342-103-17
; Sequence 17, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAKITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 60/346086
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flag-His6 tag
US-10-342-103-17

Query Match      34.5%; Score 76; DB 14; Length 19;
Best Local Similarity 76.5%; Pred. No. 0.0064;
Matches 13; Conservative 1; Mismatches 1; Indels 2; Gaps 1;

QY 19 DDDDKLVHGKLVHHHH 35
DB 5 DDDDKIVGG--HHHHH 19

RESULT 15

```

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US-10-342-103-4
; Sequence 4, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 60/346086
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide sequence encoded by complement to anti-sense primer
US-10-342-103-4

Query Match      34.5%; Score 76; DB 14; Length 27;
Best Local Similarity 76.5%; Pred.No. 0.0094;
Matches 13; Conservative 1; Mismatches 1; Indels 2; Gaps 1;

QY      19 DDDDKLVHGKLVHHHHH 35
          |||||:| |||||
Db       13 DDDDKLVGG--HHHHHH 27

Search completed: October 1, 2004, 07:34:46
Job time : 775 secs
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